



Federal Emergency Management Agency

Washington, D.C. 20472

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

IN REPLY REFER TO:
Case No.: 01-09-689P

The Honorable Jeff Griffin
Mayor, City of Reno
P.O. Box 1900
Reno, NV 89505-1900

Community: City of Reno, NV
Community No.: 320020
Panels Affected: 32031C3159 E, 3170 E, and
3178 E

Effective Date of
This Revision: **DEC 14 2001**

102-I-A-C

Dear Mayor Griffin:

This responds to a request that the Federal Emergency Management Agency (FEMA) revise the effective Flood Insurance Rate Map (FIRM) and Flood Insurance Study (FIS) report for Washoe County, Nevada and Incorporated Areas (the effective FIRM and FIS report for your community), in accordance with Part 65 of the National Flood Insurance Program (NFIP) regulations. In a letter dated March 12, 2001, Mr. Douglas B. Blatchford, P.E, Project Manager, Carter & Burgess, Inc., requested that FEMA revise the FIRM and FIS report to show the effects of revised hydrologic and hydraulic analyses and construction along Whites Creek of Lake South Meadows from approximately 600 feet east to approximately 1,800 feet east of Double R Boulevard; Whites Channel C from Double Diamond Parkway to approximately 3,800 feet downstream; Lumberjack Channel from Double R Boulevard to approximately 600 feet downstream, from South Meadows Parkway to approximately 500 feet north of South Meadows Parkway, and from Double R Boulevard to approximately 650 feet west of South Meadows Parkway; and DTL Channel from approximately 600 feet upstream of Double R Boulevard to South Meadows Parkway. This project also included construction of culverts at Double Diamond Parkway over Whites Channel C, at Double R Boulevard over Lumberjack and DTL Channels, and at South Meadows Parkway over Lumberjack Channel and of a detention basin approximately 3,800 feet east of South Meadows Parkway in the vicinity of the South Meadows Business Park development.

All data required to complete our review of this request were submitted with letters from Mr. Blatchford.

We have completed our review of the submitted data and the flood data shown on the effective FIRM and in the effective FIS report. We have revised the FIRM and FIS report to modify the elevations, floodplain boundary delineations, and zone designations of the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood) along Whites Creek in the vicinity of the South Meadows Business Park development. As a result of the modifications, Base Flood Elevations (BFEs) were added for Whites Creek at the detention basin that is approximately 3,800 feet east of South

We will not physically revise and republish the FIRM and FIS report for your community to reflect the modifications made by this LOMR at this time. When changes to the previously cited FIRM panels and FIS report warrant physical revision and republication in the future, we will incorporate the modifications made by this LOMR at that time.

This LOMR is based on minimum floodplain management criteria established under the NFIP. Your community is responsible for approving all floodplain development and for ensuring all necessary permits required by Federal or State law have been received. State, county, and community officials, based on knowledge of local conditions and in the interest of safety, may set higher standards for construction in the SFHA. If the State, county, or community has adopted more restrictive or comprehensive floodplain management criteria, these criteria take precedence over the minimum NFIP criteria.

The basis of this LOMR is, in whole or in part, a channel-modification/culvert project. NFIP regulations, as cited in Paragraph 60.3(b)(7), require that communities ensure that the flood-carrying capacity within the altered or relocated portion of any watercourse is maintained. This provision is incorporated into your community's existing floodplain management regulations. Consequently, the ultimate responsibility for maintenance of the modified channel and culverts rests with your community.

This determination has been made pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (Public Law 93-234) and is in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, Public Law 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65. Pursuant to Section 1361 of the National Flood Insurance Act of 1968, as amended, communities participating in the NFIP are required to adopt and enforce floodplain management regulations that meet or exceed minimum NFIP criteria. These criteria are the minimum and do not supersede any State or local requirements of a more stringent nature. This includes adoption of the effective FIRM to which the regulations apply and the modifications described in this LOMR. Our records show that your community has met this requirement.

A Consultation Coordination Officer (CCO) has been designated to assist your community. The CCO will be the primary liaison between your community and FEMA. For information regarding your CCO, please contact:

Mr. Jack Eldridge
Chief, Community Mitigation Programs Branch
Federal Emergency Management Agency, Region IX
The Presidio of San Francisco, Building 105
San Francisco, CA 94129-1250
(415) 923-7184

If you have any questions regarding floodplain management regulations for your community or the NFIP in general, please call the CCO for your community at the telephone number cited above. If you have any questions regarding this LOMR, please call our Map Assistance Center, toll free, at 1-877-FEMA MAP (1-877-336-2627).

Sincerely,



Max H. Yuan, P.E., Project Engineer
Hazards Study Branch
Federal Insurance and
Mitigation Administration

For: Matthew B. Miller, P.E., Chief
Hazards Study Branch
Federal Insurance and
Mitigation Administration

Enclosures

cc: Mr. Steve Varella, P.E.
City Engineer/Public Works Director
City of Reno

Ms. Kim Groenewold
Nevada Floodplain Management Program
Division of Water Resources
Department of Conservation
and Natural Resources
State of Nevada

Mr. Douglas B. Blatchford, P.E.
Project Manager
Carter & Burgess, Inc.

CHANGES ARE MADE IN DETERMINATIONS OF BASE FLOOD ELEVATIONS FOR THE CITY OF RENO, WASHOE COUNTY, NEVADA, UNDER THE NATIONAL FLOOD INSURANCE PROGRAM

On September 30, 1994, the Federal Emergency Management Agency identified Special Flood Hazard Areas (SFHAs) in the City of Reno, Washoe County, Nevada, through issuance of a Flood Insurance Rate Map (FIRM). The Federal Insurance and Mitigation Administration has determined that modification of the elevations of the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood) for certain locations in this community is appropriate. The modified Base Flood Elevations (BFEs) revise the FIRM for the community.

The changes are being made pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (Public Law 93-234) and are in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, Public Law 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65.

Hydrologic and hydraulic analyses were performed to incorporate the effects of construction along Whites Creek of Lake South Meadows from approximately 600 feet east to approximately 1,800 feet east of Double R Boulevard; Whites Channel C from Double Diamond Parkway to approximately 3,800 feet downstream; Lumberjack Channel from Double R Boulevard to approximately 600 feet downstream, from South Meadows Parkway to approximately 500 feet north of South Meadows Parkway, and from Double R Boulevard to approximately 650 feet west of South Meadows Parkway; DTL Channel from approximately 600 feet upstream of Double R Boulevard to South Meadows Parkway; culverts at Double Diamond Parkway over Whites Channel C, at Double R Boulevard over Lumberjack and DTL Channels, and at South Meadows Parkway over Lumberjack Channel; and a detention basin approximately 3,800 feet east of South Meadows Parkway. This has resulted in increases and decreases in SFHA width along the above-referenced lake and channel reaches. An SFHA also was added along the revised reach of Whites Creek, and BFEs were established at the detention basin. The aforementioned channelized portions of Whites Creek contain the base flood. The table below indicates existing and modified BFEs for selected locations along the affected lengths of the flooding source(s) cited above.

Location	Existing BFE (feet)*	Modified BFE (feet)*
Detention basin approximately 3,800 feet east of South Meadows Parkway	None	4,428

*National Geodetic Vertical Datum, rounded to nearest whole foot

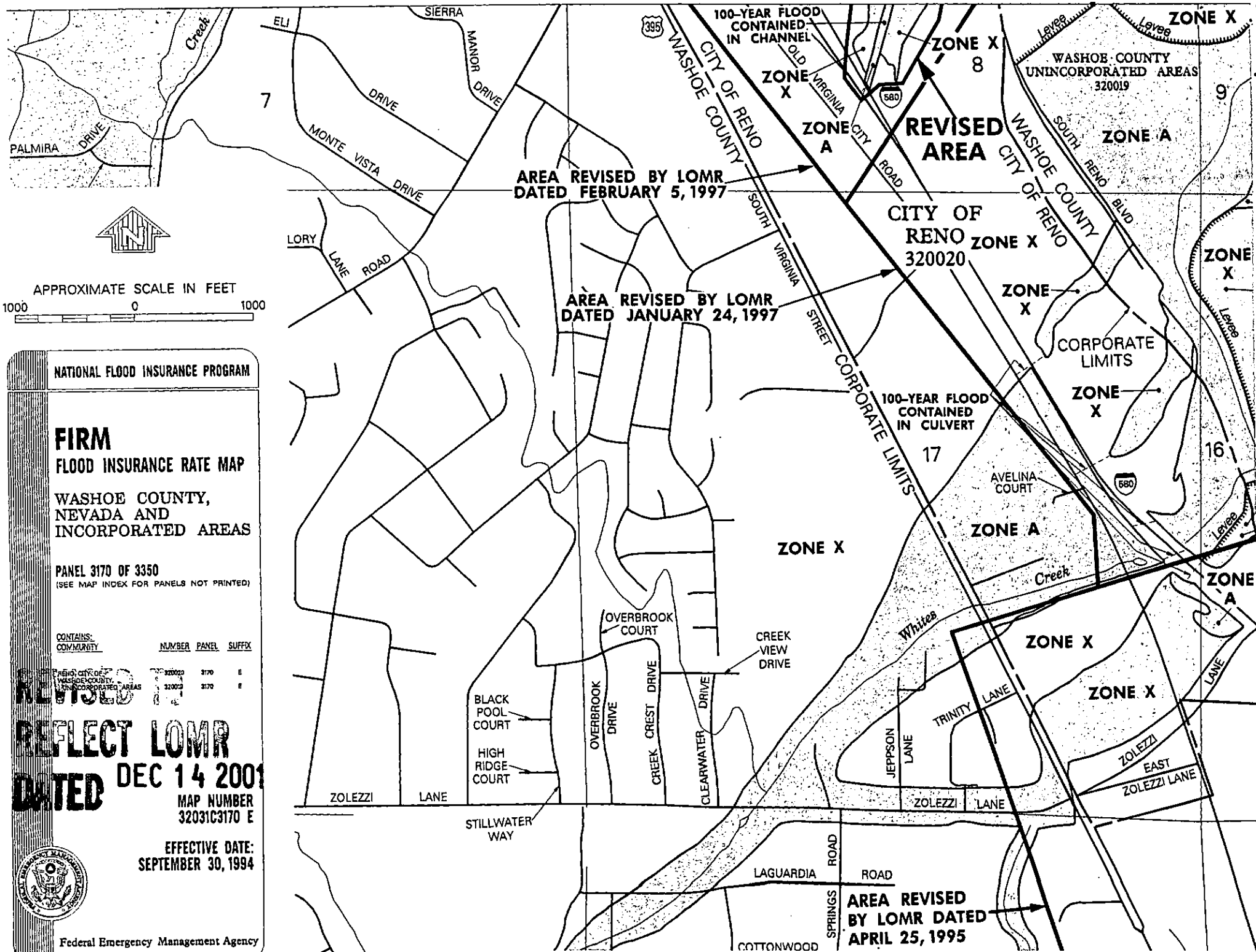
Under the above-mentioned Acts of 1968 and 1973, the Federal Insurance and Mitigation Administration must develop criteria for floodplain management. To participate in the National Flood Insurance Program (NFIP), the community must use the modified BFEs to administer the floodplain management measures of the NFIP. These modified BFEs will also be used to calculate the appropriate flood insurance premium rates for new buildings and their contents and for the second layer of insurance on existing buildings and contents.

Upon the second publication of notice of these changes in this newspaper, any person has 90 days in which he or she can request, through the Chief Executive Officer of the community, that the Federal Insurance and Mitigation Administration reconsider the determination. Any request for reconsideration must be based on knowledge of changed conditions or new scientific or technical data. All interested

parties are on notice that until the 90-day period elapses, the Federal Insurance and Mitigation Administration's determination to modify the BFEs may itself be changed.

Any person having knowledge or wishing to comment on these changes should immediately notify:

The Honorable Jeff Griffin
Mayor, City of Reno
P.O. Box 1900
Reno, NV 89505-1900



AREA REVISED BY LOMR
DATED JANUARY 24, 1997

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

WASHOE COUNTY,
NEVADA AND
INCORPORATED AREAS

PANEL 3159 OF 3350
(SEE MAP INDEX FOR PANELS NOT PRINTED)

<u>CONTAINS:</u>	<u>NUMBER</u>	<u>PANEL</u>	<u>SUFFIX</u>
<u>COMMUNITY</u>			

RENO, CITY OF	320070	3150	E
WASHOE COUNTY, UNINCORPORATED AREAS.	320019	3150	E

10

100-443887-100


REPORT

DEC 14 2001

MAP NUMBER
32031C3159 E

5205105135 L

EFFECTIVE DATE:
SEPTEMBER 30, 1994



Federal Emergency Management Agency

JOINS PANEL 3170



APPROXIMATE SCALE IN FEET
500 0 500

AREA REVISED BY LOMR
DATED FEBRUARY 5, 1997

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

WASHOE COUNTY,
NEVADA AND
INCORPORATED AREAS

PANEL 3178 OF 3350
(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS:
COMMUNITY

NUMBER PANEL SUFFIX

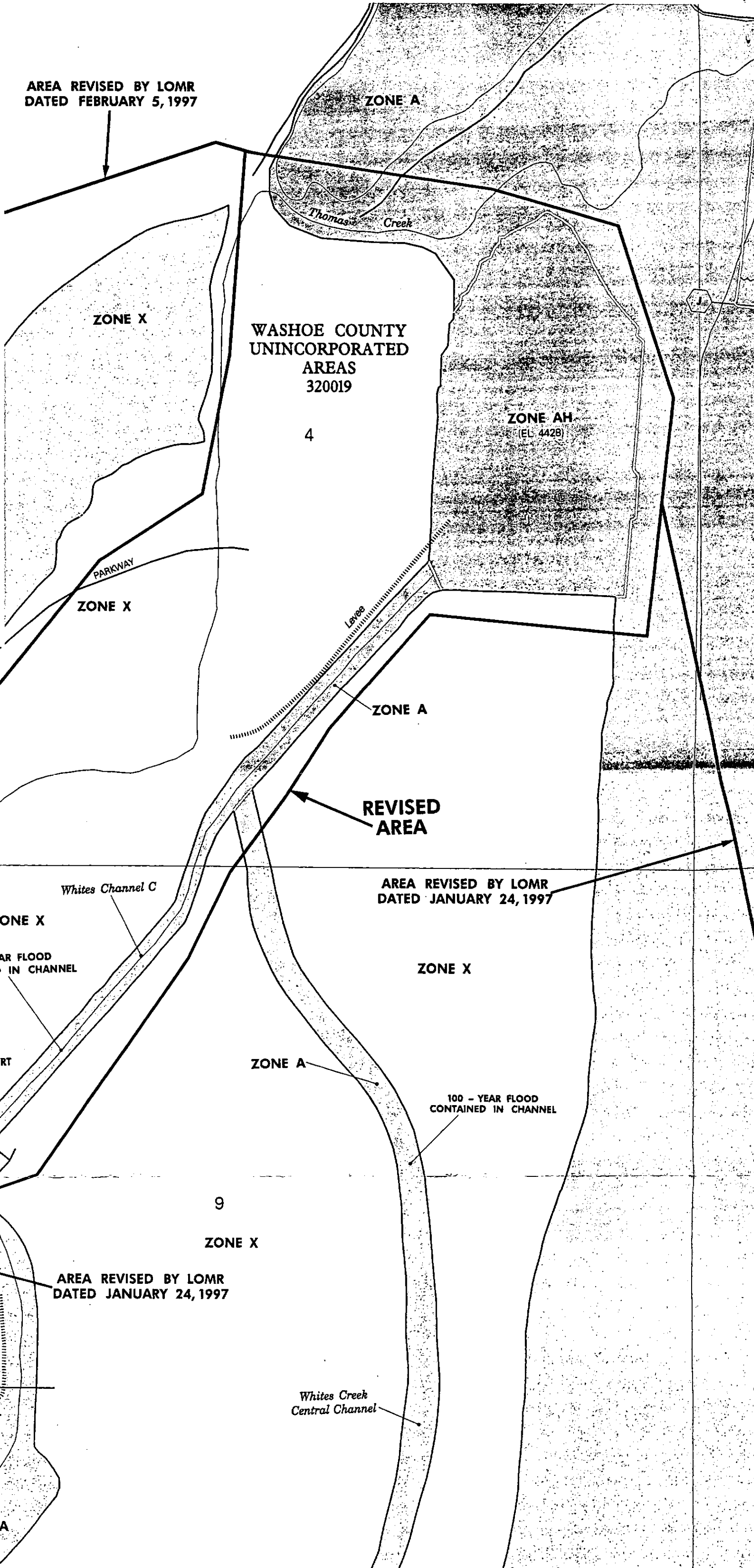
**REVISED TO
REFLECT LOMR
DATED DEC 14 2001**

MAP NUMBER
32031C3178 E

EFFECTIVE DATE:
SEPTEMBER 30, 1994



Federal Emergency Management Agency



JOINS PANEL 3159